

ABSTRACT OF THE DISCLOSURE

An improved scalability testing architecture for distributed applications allows testing of scalability with respect to a given number of computers using a test network having only a small fraction of that number of computers. Each client computer in the test network hosts multiple bootable systems in bootable partitions which timeshare the host machine on a mutually exclusive basis. A launcher in each bootable system verifies scheduling information for an instance of an application under test residing in the same partition and either permits or prevents continued operation of the instance based on the scheduling information. If continued operation is to be prevented, the launcher triggers a boot next routine to exit and cede control of the computer to the next bootable system on the computer.